

Substitute for form 1449A-B PTO

Complete if Known

Application Number	09/539,486
Filing Date	March 30, 2000
First Named Inventor	Sergey A. Selifonov
Group Art Unit	Zhou S.
Examiner Name	1631
Attorney Docket Number	02-028940US

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

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U.S. PATENT DOCUMENTS

Examiner Initials	Cite No.	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, lines, Where Relevant Passages or Relevant Figures Appeal
		Number	Kind Code of Known			
Q	AA	09/539,486		Selifonov et al.	03-30-2000	
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Q	AC	4,994,379		Chang	02-19-1991	
Q	AD	5,043,272		Hartly et al.	08-27-1991	
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		Office	Number	Kind Code (if known)				
A	BB	WO	00/00632		Phylos, Inc.	01-06-2000		
A	BC	WO	00/37684		KIRS & FELDER	06-29-2000		
A	BD	WO	00/53744		Diversa Corporation	09-14-2000		
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A	BG	WO	97/33957		Amway Corporation	09-18-1997		
A	BH	WO	99/19518		Diversa Corp.	04-22-1999		

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No	Include name of the author (in CAPITAL LETTERS); title of the article (when appropriate); title of the item (book, magazine, journal, serial, symposium, catalog, etc.); date, page(s), volume-issue number(s), publisher, city and/or country where published	T
A	BI	ALEXEEV ET AL. "Stable and Inheritable changes in genotype and phenotype of albino melanocytes induced by an RNA-DNA oligonucleotide." <i>Nature Biotechnology</i> 1343-1346 (1998)	
A	BJ	ALBERTS ET AL. "Recombinant DNA Technology." <i>New York Publishing, Inc.</i> 291-312 (1994)	
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A	BQ	CARTER "Improved oligonucleotide site-directed mutagenesis using M13 vectors." <i>Nucleic Acids Res</i> . 13:4431-4443 (1985)	
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BU	DELAGRAVE "Searching Sequence Space to Engineer Proteins: Exponential Ensemble Mutagenesis." <i>Biotechnology (N Y)</i> . 1993 Dec;11(13):1548-52
BV	DELAGRAVE "Recursive ensemble mutagenesis." <i>Protein Eng.</i> 1993 Apr;6(3):327-31.
BW	DELAGRAVE "Context dependence of phenotype prediction and diversity in combinatorial mutagenesis." <i>Protein Eng.</i> 1995 Mar;8(3):237-42.
BX	Egea Biosciences, Inc. "Pathway to the Proteome"
BY	FODOR ET AL. "Light-Directed, Spatially Addressable Parallel Chemical Synthesis." <i>Science</i> 251:767-777 (1991)
BZ	FODOR "Genome Analysis: Genome Technology." <i>FASEB Journal</i> 11:121 (1997)
CA	FODOR "Massively Parallel Genomics." <i>Science</i> 227:393-395 (1997)
CB	GOLDMAN "An Algrithmically Optimized Combinatorial Library Screened by Digital Imaging Spectroscopy." <i>Biotechnology (N Y)</i> . 1992 Dec;10(12):1557-61.
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CH	KREN ET AL. "In Vivo site-directed mutagenesis of the <i>factor IX</i> gene by chimeric RNA/DNA oligonucleotides." <i>Nature Medicine</i> 4(3):285-290 (1998)
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CR	PEARSON ET AL. "Improved tools for biological sequence comparison." <i>PNAS</i> 85:2444 (1988)
CS	PORTER ET AL. "Direct PCR Sequencing with boronated Nucleotides." <i>Nucleic Acids Res.</i> 25(8):1611-1617 (1997)
CT	ROBLES "Hydropathy and Molar Volume Constraints on Combinatorial Mutants of the Photosynthetic Reaction Center." <i>J Mol Biol.</i> 1993 Jul 5;232(1):242-52.
CU	SAYERS ET AL. "5'-3' Exonucleases in phosphorothioate-baised oligonucleotide-directed mutagenesis." <i>Nucleic Acids Res.</i> 16:791-802(1988)
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DK	ZOLLER "New recombinant DNA methodology for protein engineering." <i>Curr. Opinion in Biotechnology</i> 3:348-354 (1992)

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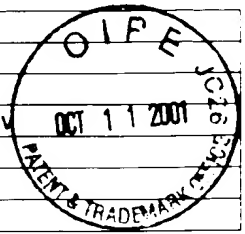
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<i>AA</i>	AA	5,066,584		Gyllenstein et al.	11/19/1991	

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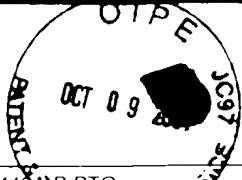
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Substitute for form 1449 SB PTO

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First Named Inventor	Sergey A. Selifonov
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Examiner Name	Zhou S.
Attorney Docket Number	02-028940US

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RA	AA	6,188,965	B1	Mayo et al.	02-13-2001	
RA	AB	6,269,312	B1	Mayo et al.	07-31-2001	

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